Sectt. H-27—45,006—19-10-39.

# P W. (1940) Department.

M8 SERIES.

G.O. No. 21

Dated 3-1-41

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[Despatch Abstract.]

Electricity - Bellary Electric licence -
Improvements to the Municipal Electrical
undertaking Notes Recorded.

1770/40-1

GOVERNMENT HOUSE
Guindy,
10th November 1940

My dear Ramunni Menon,

I am desired by His Excellency to enclose a copy of a note handed to him by an interviewer at Bellary during his last tour on the subject of the supply of electricity to Bellary, and to say tha he would be glad to see the case with a note on the present position.

Yours sincerely,

W. Lygard

ASST. SECRETARY TO GOVERNMENT
G576
12 NOV 1940
PUBLIC WORKS DEPT.

K. Ramunni Menon Esq., I.C.S.,
Secretary to Government,
Public Works Department.

## Note.

Electrical concern: Bellary is one of the first municipalities in this Presidency to undertake the Generation and Distribution of Electricity as a Commercial concern. The Municipality in the year 1927 purchased the Electrical Undertaking approximately at a cost of Rs. 1,27,250/- from a Private Company which went into liquidation. Electrical Undertaking has since that date forged ahead under the Management of the Municipal Council with the result that the original D.C. system has become too obsolete to meet the growing demands of the town. For purpose of moving with the times and for adopting the standard practice prevailing in the Presidency, the Council decided to scrap the D.C. system and to change over to standard A.C. system. A scheme for this purpose was prepared under the expert guidance of the Chief Engineer for Electricity, Madras, and a loan obtained for this purpose from Government. The Council is awaiting the Technical sanction for part of the works i.e. conversion of the system from D.C. to A.C. system. The Technical sanction accorded for the installation of A.C. Engine Generator sets serves no useful purpose unless sanction is accorded for the whole scheme.

The present state of Power House is extremely unsatisfactory as the Engineers have become too old and are likely to fail at any moment resulting in the failure of supply to major part of the town. The improvement to Water Works Scheme is also entirely dependent on the Electric Scheme as the Prime Movers in the Hagari Water Works are also in tottering condition on account of age. The Council has applied for a loan for running electric lines to the Hagari Water Works where it is proposed to be installed the latest types of Electrically operated pumps to replace the present obsolete sets. Unless improvements are carried out the Municipal Council cannot hope to improve either the electrical works or the water works and give a satisfactory service to the public.

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To A.S.-

Please see the D.O. from the P.S.G. on p.1 ante and the note on 3 ante.

2 It is submitted that there is no file pending in this dept. re: improvements to the Bellary Elecy. undertaking. A loan of Rs.1,25,000 for the improvements has already been sanctioned in G.O. in No.63, L.A.D., dated 5-1-40. A short history of the case is set out below:--

3 In April 1938, the Bellary ml.cl. applied for a loan of Rs.2,07,000/- for improvements to the Elecy. undertaking. The E.I.G. recommended the grant of the amount but suggested the purchase of a second hand engine ~~from the~~ at Conjeevaram ~~ml.cl.~~ and a new engine similar to the Conjeevaram engine in the place of the ~~other~~ engine proposed to be purchased by the ml. cl. The amount of loan recommended included a sum of Rs.83,000/- for the Hagari water works electrification scheme. In Memo No.18330-1 Cl L.A.D., dated 30-6-38, the ml. cl. was asked to submit two separate loan applications in accordance with the recommendation of the E.I.G., one for Rs.1,24,000 for improvements to the electrical undertaking and the other for Rs.83,000 for Hagari water works electrification scheme.

4 The ml. cl. submitted in August 1938 an application for a loan of Rs.2,28,000 for the improvements to Electrical undertaking (including Rs 57,000 for the extension of mains to Hagari) ~~alone~~. In that

revise

* for (1) Electrification of Water works
(2) Cattle A.C. generating plant
(3) Conversion to A.C. of Certain feeder areas.

b

revised application provision was included for two new engines of 275 K.W. each at a cost of Rs.1,20,000 since the council did not agree to purchase the decond-hand engine ~~from~~ at Conjeevaram ~~ml.cl~~. The E.I.G. strongly opposed the proposal to purchase two new sets of the capacity proposed by the ml.cl. He stated:

(1) that the purchase would mean complete scrapping of the existing D.C. plant valued at Rs.75,000 which could carry on easily and without risk for another 3 to 4 years and with careful maintenance of the engines for some 6 or 7 years,

(2) that the existing plant should continue to function supplying that portion of the area still left at D.C. and with the help of the existing converting units assist the proposed two A.C. sets to meet the inevitable growth of load, and

(3) that it was unnecessary to buy new sets when secondhand plants in good working order were available at considerably lower cost.

The E.I.G. then suggested the purchase of the Conjeevaram second-hand engine at a cost of Rs.34,000 and two second-hand engines from Madura Ml.Cl. at a cost of Rs.20,000/-. The cost of reconditioning of Madura engines was estimated to be Rs.15,000/-. Thus the total cost of the 3 engines would come up only to Rs.69,000/-. The suggestion of the E.I.G. was accepted and the ml.cl. was advised accordingly. But the ml.cl. replied in January 1939 insisting on the purchase of the two new engines proposed by it.

The

5 The C.E. (E) opposed the purchase of the two new engines; but he was also against the purchas of the two Madura sets as they were too old, and recommended the purchase of the Conjeevaram engine which was almost new and a new engine similar to that. In that connection, the C.E.(E) also suggested the purchase of the municipal power house by Govt. so as to further the Govt.'s plans of electrification in the Ceded Districts. The ml. cl. agreed to sell the power house to Govt. and as the condition of the power house was precarious, requested the Govt. to hasten the purchase and setting right of the power-house. But subsequently the proposal to purchase of the power-house was dropped owing to the outbreak of the war and the consequent need for economy. The ml. cl. was informed accordingly and was also asked to take suitable steps to improve its electrical undertaking in D.O.No.3421-E/39-6, dated 16-10-39.

6 The ml. cl. thereupon decided in consultation with the C.E.(E) to purchase the two second-hand A.C. generators at Dindigul from Govt. at a cost of Rs.25,000 and to carry out other improvements at a cost of Rs.1,00,000/-. It therefore submitted a fresh loan application for Rs.1,25,000 for the purpose and it was sanctioned in G.O.No.63, L.A., dated 5-1-40.

7 The ml. cl. applied in March 1940 for a further loan of Rs.80,000 for the electrification of the Hagari water works. The C.E. (E) then stated

that

8

that the extension of ~~.....~~ ~~~ Hagari ~~can~~ could be taken up only with water works proposal. The ml. cl. was therefore asked to renew its application for any additional loan for the scheme after detailed plans and estimates therefor have received technical sanction of the competent authority and when the works became ripe for execution.

8 In ~~October~~ August last, the municipal council has again applied for a loan of Rs.1,52,000 for improvements to electric lighting scheme and extension of electric mains to Hagari. The C.E. (E), has ~~again~~ reiterated his view that the extension of mains to Hagari can be taken up only in conjuction with the water works proposal. In this connection ~~the~~ he has also stated regarding improvement to the elecy. scheme for which a loan of Rs.1,25,000 has been sanctioned in G.O.No.63, L.A., dated 5-1-40 that the present conditions are not favourable for a changeover from D.C. to A.C. He has therefore not accorded technical sanction to any work for the changeover of D.C. to A.C., but only to certain other works costing Rs.47,825/-. The Ch.E.I.G. and the C.E.(E) are also of opinion that no other work in the Bellary improvement scheme need be taken up now. The C.E.(E) does not therefore recommend the loan now applied for. The matter is now under consideration in L.A. Deptt.

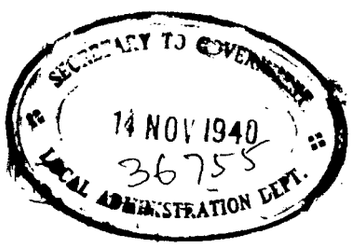
9 This may be sent to L.A.D. with the request that the file referred to above with the necessary

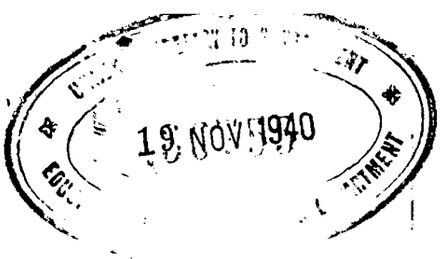
note

note thereon may be linked with this for submission to H.E.

13/11 13/11 13.11.40 14/4

P.W.D. No. 576 G/40-1
14-11-40.



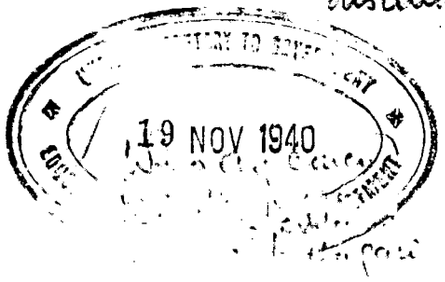




Please see paras 8 & 9 of the PWD. note above. The file on the Council's application for the provision of a loan of Rs 152,000 in 1941-42 is linked. In view of the remarks of the CE (E.) it is not proposed to consider the application at present.

2 The file may be returned to PWD through E & P4.

8/11 16/11 18/11

AO 8/11
E & P 4
PWD




L.A.-WO No 36755-1-C
18.11.40

10

E&M

~~Please see pages 37-41 and 56 of memo 17202-16 (T) d. 18-6-40 put up at (T) in the linked file, and also p 9 of Mark file. There is no further information in this dept or the electrification of Nagpur waterworks. The case may be passed on to PWD.~~

23/11 Para 7 on pp 7-8 ante re. loan for the electrification of Nagpur waterworks, Bellary attention is invited to para 10 of (b) (X) There is no further information in this dept.

May be passed on to PWD no.

23.11.40.

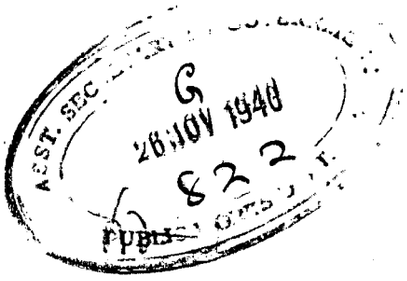
SRM 25.11.40 ✓ S.

EEW 2-12-40.

PWD

Estimated cost Rs 38,760 — p. 294 (T) with reference I - F II distributed

C no 32257 L.A. 5.12.40 I with F II distributed




E&M no. 47484-I&E (4)

26.11.40

11

P.W Dep

To A.S.

1770 E

L.A. Dept have linked the file referred to in paras 8 and 9 on p 8-9 ante and have added their note on p 9 ante.

This may now be submitted to H.E. ~~after~~ through ~~by~~ $A_2$.

Cir 28-11-40.
R 3.12.40.

27/11 27/11 27.11.40

28/11

$A_2$ 29.11

H.E. I think that some decision and action must be taken in this case. The delay is quite unseen and has been far too long prolonged

A.H. 2/12/40.

The question of a loan may perhaps be reconsidered in the light of H.E.'s remarks.

L.A.D. may see before Circ. to $A_2$

3/12

L.A.D

12

I have suggested in the L.f. that the Bellary Thermal Scheme shd be revived. This may go to Fin along with the L.f. from L.A.

Fin,
8/12

L.A.

Fin

* C no. 6145 4/40

P.W.D. no. 576G/40-2
2-12-40.

SECRETARY TO GOVERNMENT
4 - DEC 1940
LOCAL ADMINISTRATION DEPT.

L.A. Dept

May be perused and passed on to Finance. ~~Perused~~

5.12.40

8/12

11

1/12

TW 4/12

38929

Dy. Sec. 2
Fin

8/12

L.A. WO No. 38929-1-e
7.12.40

May be perused and returned to P.W.D.

11
12.12.40.

12/12

Please see the notes at pages 9-10 ante in ~~top~~ file. ~~F~~

17/12

17.12.40.

17/12

~~Locked file F~~

(Typ file being Civil)

* C no. 6145-E/40